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(54) Title: A PROCESS FOR THE REMOVAL OF ARSINE FROM A HYDROCARBON STREAM WITH AN ADSORBENT

(57) Abstract: A process for the removal of arsine (AsH_3) from a hydrocarbon stream, having an atmospheric boiling point lower than about 0 °C, by contacting the hydrocarbon stream with an adsorbent that contains elemental sulphur deposited on a support material. The amount of sulfur is in the range between 5 and 25 wt. % relative to the total amount of sulfur and support material. Besides arsine also mercury may be removed from the hydrocarbon stream.

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